

Data Path : Z:\voasrv\HPCHEM1\MSVOA_U\Data\U022522\
 Data File : U047269.D
 Acq On : 25 Feb 2022 13:46
 Operator : SY/MD
 Sample : N1631-15ME
 Misc : 5.88g/5.0mL/100uL/5.0mL/MSVOA_U/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 DBRJ1ME

Quant Time: Feb 28 02:02:28 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_U\Method\SFAMULM021022WMA.M
 Quant Title : VOC Analysis
 QLast Update : Mon Feb 28 02:01:00 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

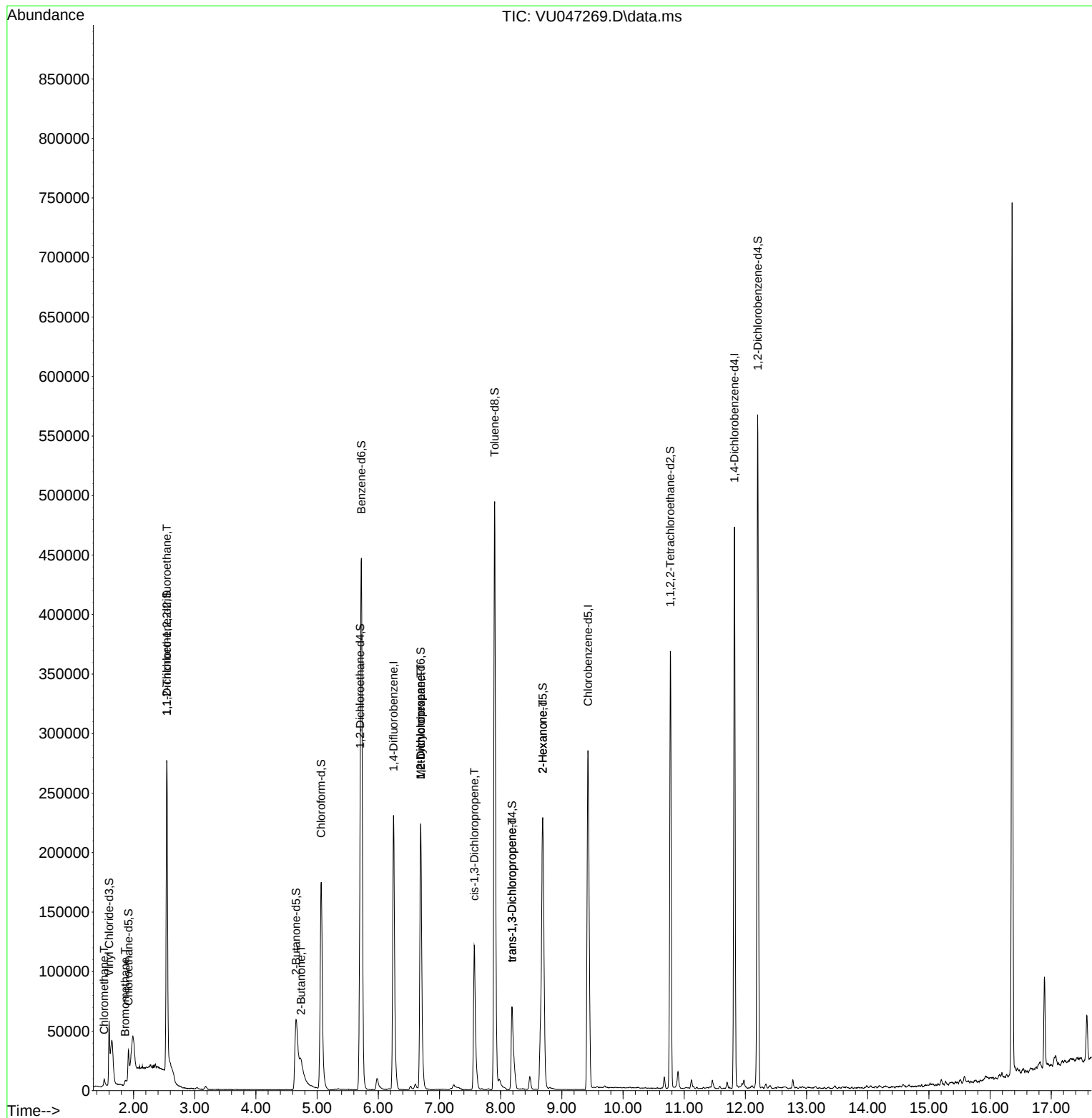
Internal Standards						
1) 1,4-Difluorobenzene	6.250	114	226396	50.000	ug/L	0.00
28) Chlorobenzene-d5	9.427	117	229632	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.822	152	129400	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.601	65	46337	22.536	ug/L	0.00
Spiked Amount 50.000	Range 60 - 135		Recovery =	45.080%	#	
7) Chloroethane-d5	1.916	69	25003	16.404	ug/L	0.00
Spiked Amount 50.000	Range 70 - 130		Recovery =	32.800%	#	
11) 1,1-Dichloroethene-d2	2.543	63	170885	50.152	ug/L	-0.03
Spiked Amount 50.000	Range 60 - 125		Recovery =	100.300%		
21) 2-Butanone-d5	4.655	46	178854	112.159	ug/L	0.02
Spiked Amount 100.000	Range 40 - 130		Recovery =	112.160%		
24) Chloroform-d	5.067	84	182970	54.815	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	109.620%		
26) 1,2-Dichloroethane-d4	5.703	65	122283	57.076	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	114.160%		
32) Benzene-d6	5.723	84	393625	51.560	ug/L	0.00
Spiked Amount 50.000	Range 70 - 125		Recovery =	103.120%		
36) 1,2-Dichloropropane-d6	6.694	67	123238	49.778	ug/L	0.00
Spiked Amount 50.000	Range 70 - 120		Recovery =	99.560%		
41) Toluene-d8	7.903	98	383617	52.776	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	105.560%		
43) trans-1,3-Dichloroprop...	8.186	79	60771	46.840	ug/L	0.00
Spiked Amount 50.000	Range 60 - 125		Recovery =	93.680%		
47) 2-Hexanone-d5	8.687	63	151091	106.526	ug/L	0.05
Spiked Amount 100.000	Range 45 - 130		Recovery =	106.530%		
56) 1,1,2,2-Tetrachloroeth...	10.774	84	184259	51.042	ug/L	0.02
Spiked Amount 50.000	Range 65 - 120		Recovery =	102.080%		
66) 1,2-Dichlorobenzene-d4	12.201	152	152204	49.595	ug/L	0.00
Spiked Amount 50.000	Range 80 - 120		Recovery =	99.200%		
Target Compounds						Qvalue
3) Chloromethane	1.520	50	4753	2.277	ug/L	97
6) Bromomethane	1.861	94	2191	1.791	ug/L	98
10) 1,1,2-Trichloro-1,2,2-...	2.543	101	1525	1.016	ug/L #	20
22) 2-Butanone	4.739	43	22553	14.470	ug/L	95
35) Methylcyclohexane	6.694	83	28781	9.220	ug/L #	21
37) 1,2-Dichloropropane	6.694	63	13133	6.845	ug/L #	86
39) cis-1,3-Dichloropropene	7.568	75	3773	1.210	ug/L #	70
44) trans-1,3-Dichloropropene	8.186	75	2638	0.881	ug/L #	76
48) 2-Hexanone	8.687	43	17876	7.115	ug/L #	55

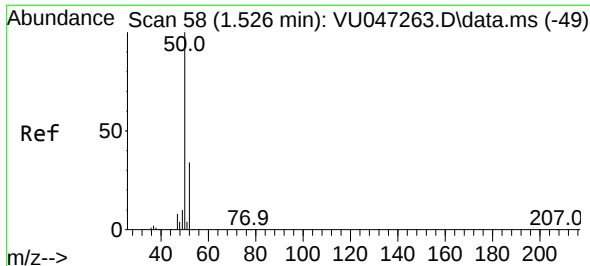
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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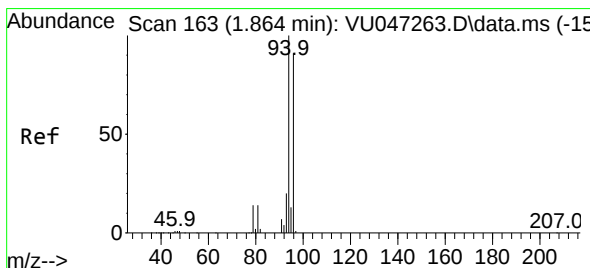
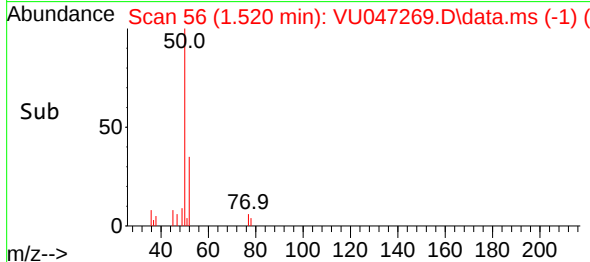
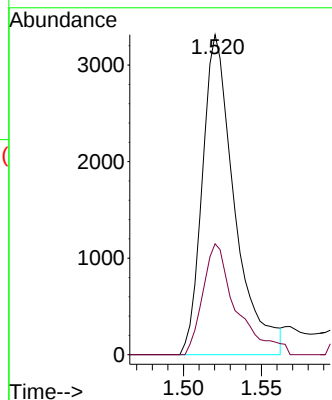
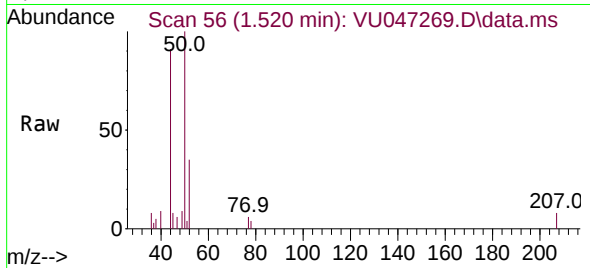




#3
Chloromethane
Concen: 2.277 ug/L
RT: 1.520 min Scan# 50
Delta R.T. -0.006 min
Lab File: VU047269.D
Acq: 25 Feb 2022 13:46

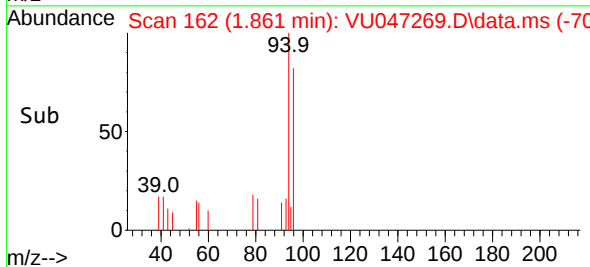
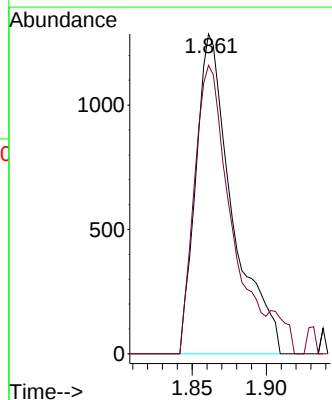
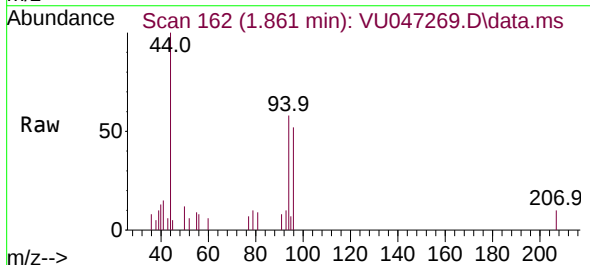
Instrument :
MSVOA_U
ClientSampleId :
DBRJ1ME

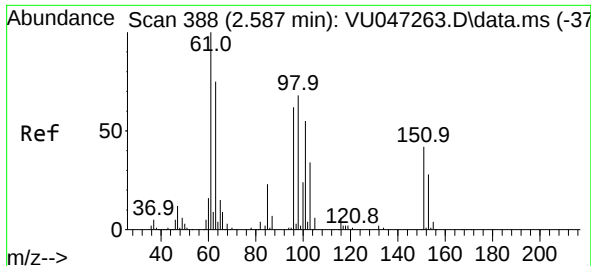
Tgt Ion: 50 Resp: 4753
Ion Ratio Lower Upper
50 100
52 34.7 23.2 43.2



#6
Bromomethane
Concen: 1.791 ug/L
RT: 1.861 min Scan# 162
Delta R.T. -0.003 min
Lab File: VU047269.D
Acq: 25 Feb 2022 13:46

Tgt Ion: 94 Resp: 2191
Ion Ratio Lower Upper
94 100
96 90.2 64.4 119.6





#10

1,1,2-Trichloro-1,2,2-trifluoroethane

Concen: 1.016 ug/L

RT: 2.543 min Scan# 31

Delta R.T. -0.045 min

Lab File: VU047269.D

Acq: 25 Feb 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

DBRJ1ME

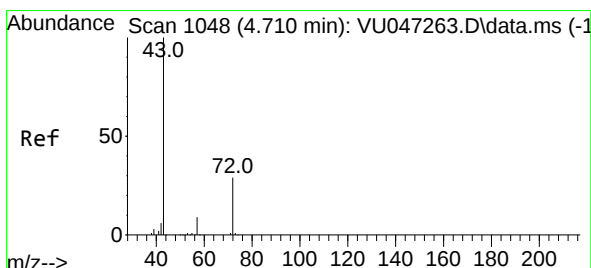
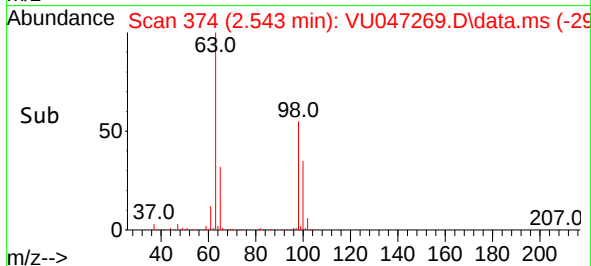
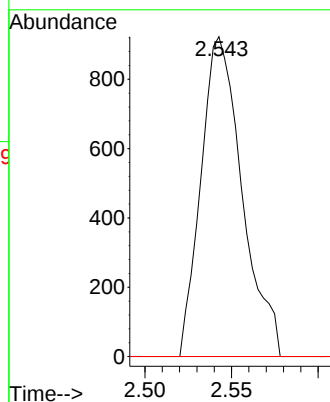
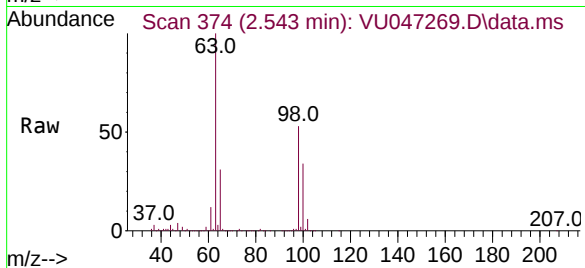
Tgt Ion:101 Resp: 1525

Ion Ratio Lower Upper

101 100

85 0.0 34.9 52.3#

151 0.0 58.3 87.5#



#22

2-Butanone

Concen: 14.470 ug/L

RT: 4.739 min Scan# 1057

Delta R.T. 0.029 min

Lab File: VU047269.D

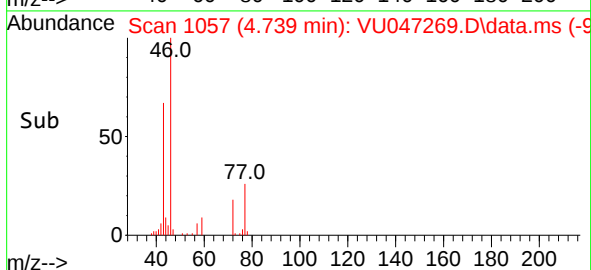
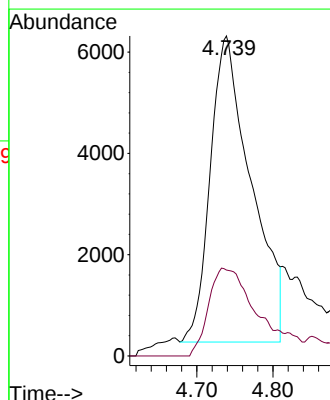
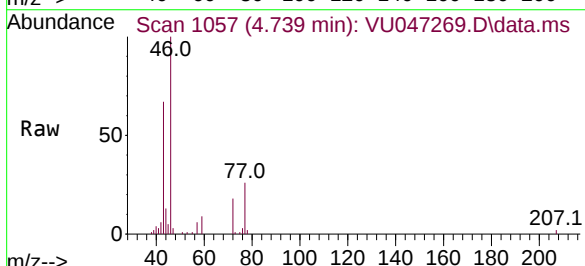
Acq: 25 Feb 2022 13:46

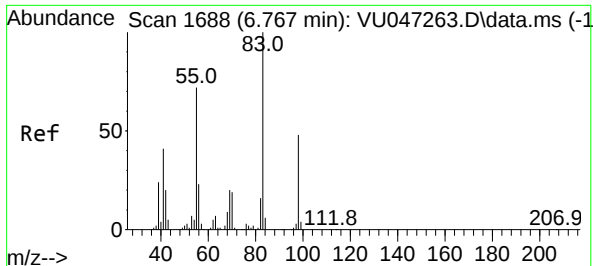
Tgt Ion: 43 Resp: 22553

Ion Ratio Lower Upper

43 100

72 28.4 15.6 46.8





#35

Methylcyclohexane

Concen: 9.220 ug/L

RT: 6.694 min Scan# 1

Delta R.T. -0.074 min

Lab File: VU047269.D

Acq: 25 Feb 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

DBRJ1ME

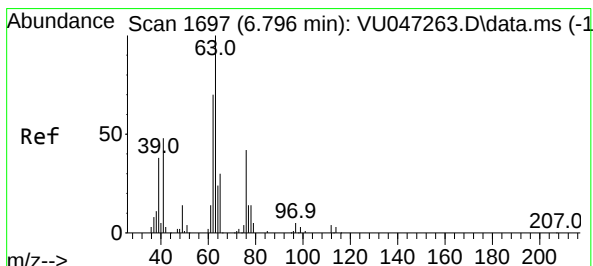
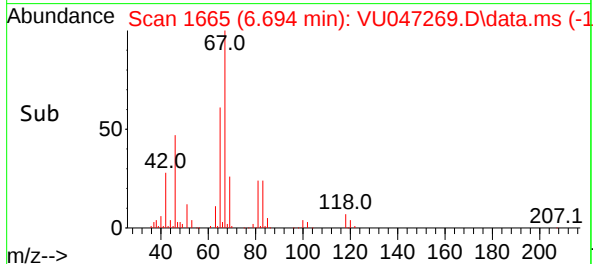
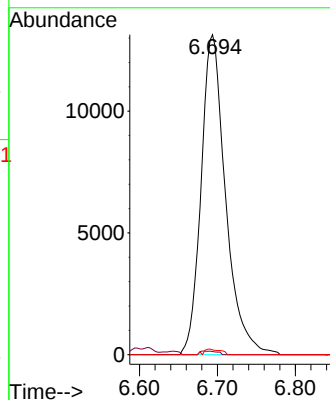
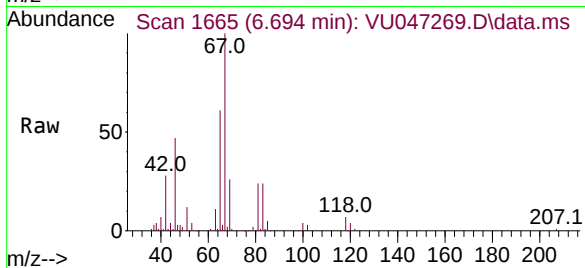
Tgt Ion: 83 Resp: 28781

Ion Ratio Lower Upper

83 100

55 0.0 56.6 85.0#

98 0.8 38.4 57.6#



#37

1,2-Dichloropropane

Concen: 6.845 ug/L

RT: 6.694 min Scan# 1665

Delta R.T. -0.103 min

Lab File: VU047269.D

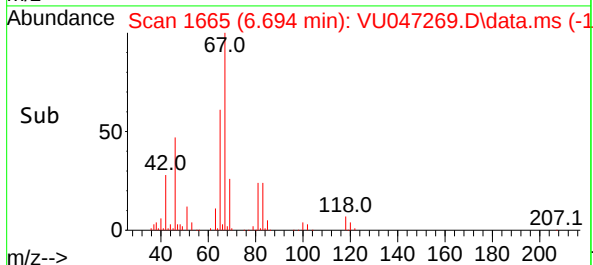
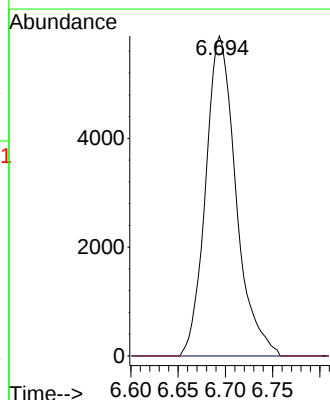
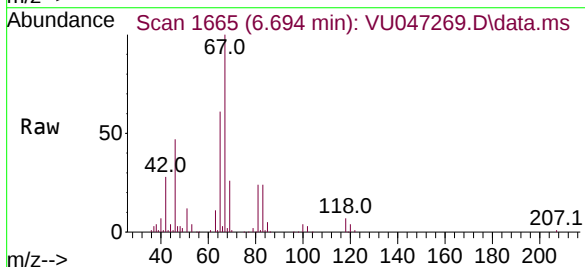
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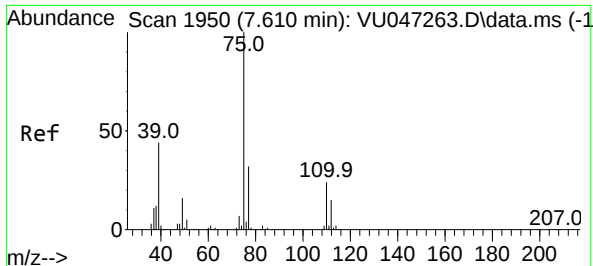
Tgt Ion: 63 Resp: 13133

Ion Ratio Lower Upper

63 100

112 0.0 3.7 5.5#





#39

cis-1,3-Dichloropropene

Concen: 1.210 ug/L

RT: 7.568 min Scan# 1950

Delta R.T. -0.042 min

Lab File: VU047269.D

Acq: 25 Feb 2022 13:46

Instrument :

MSVOA_U

ClientSampleId :

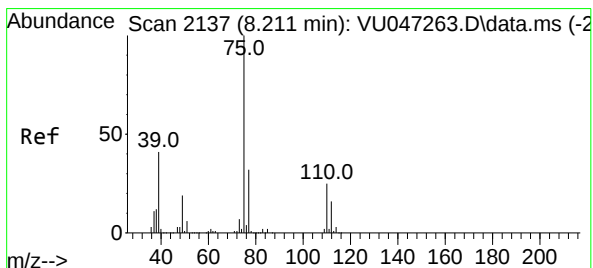
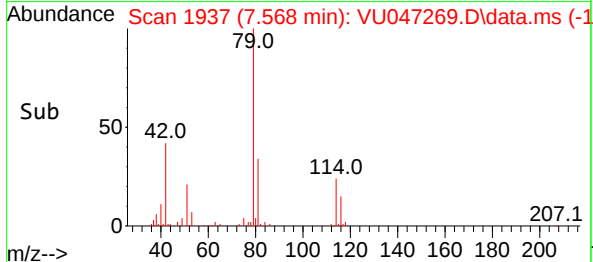
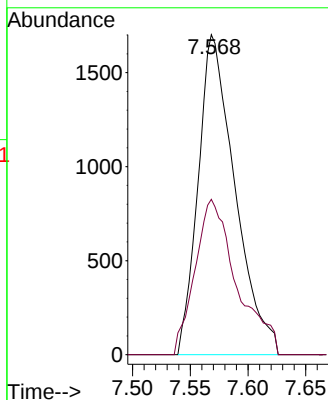
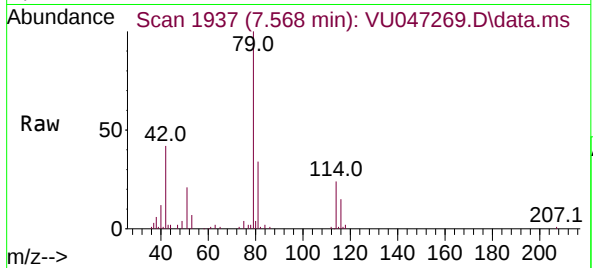
DBRJ1ME

Tgt Ion: 75 Resp: 3773

Ion Ratio Lower Upper

75 100

77 48.5 22.3 41.3#



#44

trans-1,3-Dichloropropene

Concen: 0.881 ug/L

RT: 8.186 min Scan# 2129

Delta R.T. -0.026 min

Lab File: VU047269.D

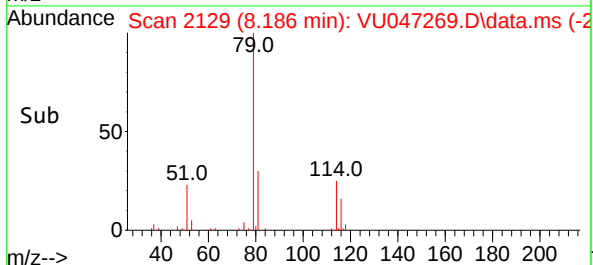
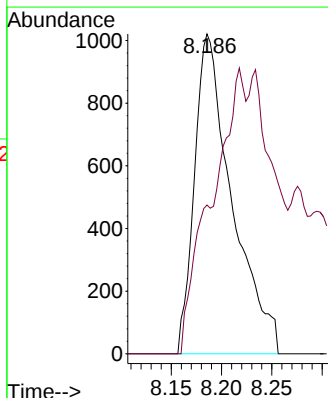
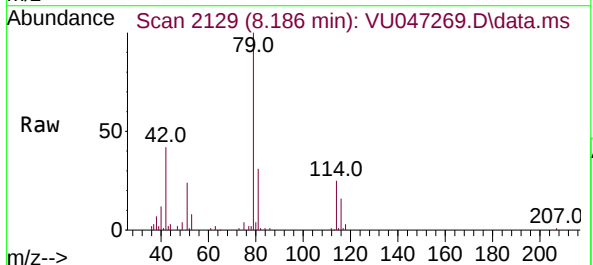
Acq: 25 Feb 2022 13:46

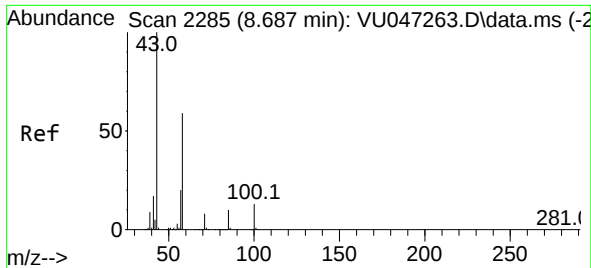
Tgt Ion: 75 Resp: 2638

Ion Ratio Lower Upper

75 100

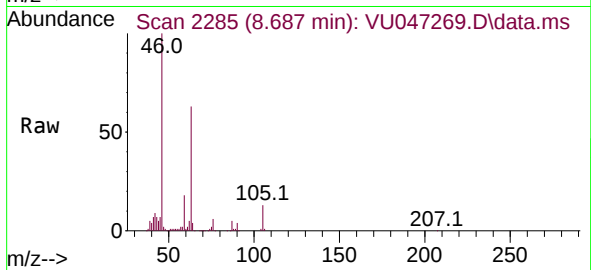
77 46.5 23.0 42.8#





#48
 2-Hexanone
 Concen: 7.115 ug/L
 RT: 8.687 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VU047269.D
 Acq: 25 Feb 2022 13:46

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Tgt Ion:	43	Resp:	17876
Ion	Ratio	Lower	Upper
43	100		
58	15.2	49.4	74.2#
57	19.3	17.5	26.3
100	0.0	12.3	18.5#

